

Pugged & abandoned - 12-31-75

# FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed ..✓.....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

Well Completed *12-31-75 R4A* Location Inspected .....  
..... WW..... TA.....  
..... OS..... PA.....✓.....  
Bond released  
State or Fee Land .....

## LOGS FILED

Miller's Log.....  
Electric Logs (No.) .....  
..... I..... Dual I Lat.✓..... GR-N..... Micro.....  
AC Sonic GR.✓..... Lat..... MI-L..... Sonic.....  
BLog..... CCLog..... Others *dip meter survey*.....

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

NOV 20 1975

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

N00-C-14-20-5182

5. Lease Designation and Serial No.

Navajo

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Navajo

8. Farm or Lease Name

33-1

9. Well No.

Wildcat

10. Field and Pool or Wildcat

C NE NW Sec. 33

11. Sec., T., R., M., or Bk. and Survey or Area

T. 41 S., R. 22 E.,

San Juan UTAH

12. County or Parrish 13. State

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐

Other

Single Zone ☐Multiple Zone ☐

2. Name of Operator

ARAPAH0 PETROLEUM, INCORPORATED

3. Address of Operator

1700 Security Life Building, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface  
C NE NW Section 33, T. 41 S., R. 22 E.,

At proposed prod. zone

San Juan County, UTAH

14. Distance in miles and direction from nearest town or post office\*

Approx. 17 miles SE of Aneth, Utah

15. Distance from proposed\*

location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

660 feet

16. No. of acres in lease

17. No. of acres assigned to this well

80

18. Distance from proposed location\*

to nearest well, drilling, completed, or applied for, on this lease, ft.

3960

19. Proposed depth

5800

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4950 Ground

22. Approx. date work will start\*

December 1, 1975

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4	8-5/8	28#	400'	240 Sx
7-7/8	5-1/2	15.5#	5600'	225 Sx

Drill 12-1/4" surface hole to 410+ feet; set 8-5/8" surface casing; cement with 240 Sx Type I cement. WOC 12 hours. Drill 7-7/8" long hole to approximately 5800'. If warranted 5-1/2" will be run to a depth of approximately 5600' in the Desert Creek. Arapaho proposes to drill this well to a depth of 5800' in the Akah. Electric logs will be run, including Dual Induction Lateral log-8 with Gamma Ray, Compensated Sonic or Density. As many as two cores and two drillstem tests will be taken.

If production is established, casing will be run through the indicated pay section and selectively perforated; fracing and acidizing may be necessary to stimulate the reservoir.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed Earl F. Armstrong  
EARL F. ARMSTRONG  
(This space for Federal or State office use)

Title Vice President

Date 11/17/75

Permit No.

Approval Date

Approved by

Title

Conditions of approval, if any:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

NOO-C-14-20-5182

5. Lease Designation and Serial No.

Navajo

6. If Indian, Allottee or Tribe Name

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐Other ☐Single Zone ☐Multiple Zone ☐

2. Name of Operator

ARAPAHO PETROLEUM, INCORPORATED

3. Address of Operator

1700 Security Life Building, Denver, Colorado 80202

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At proposed prod. zone

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Approx. 17 miles SE of Aneth, Utah

15. Distance from proposed\*

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property or lease line, ft.  
(Also to nearest drlg. line, if any)

660 feet

16. No. of acres in lease

17. No. of acres assigned  
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80

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or applied for, on this lease, ft.

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24.

Signed

*Earl F. Armstrong*  
EARL F. ARMSTRONG

Title

Vice President

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Conditions of approval, if any:

APPROVED BY FILED IN  
OIL, GAS, AND MINING  
DATE: Nov 21 1975  
D. K. Donald

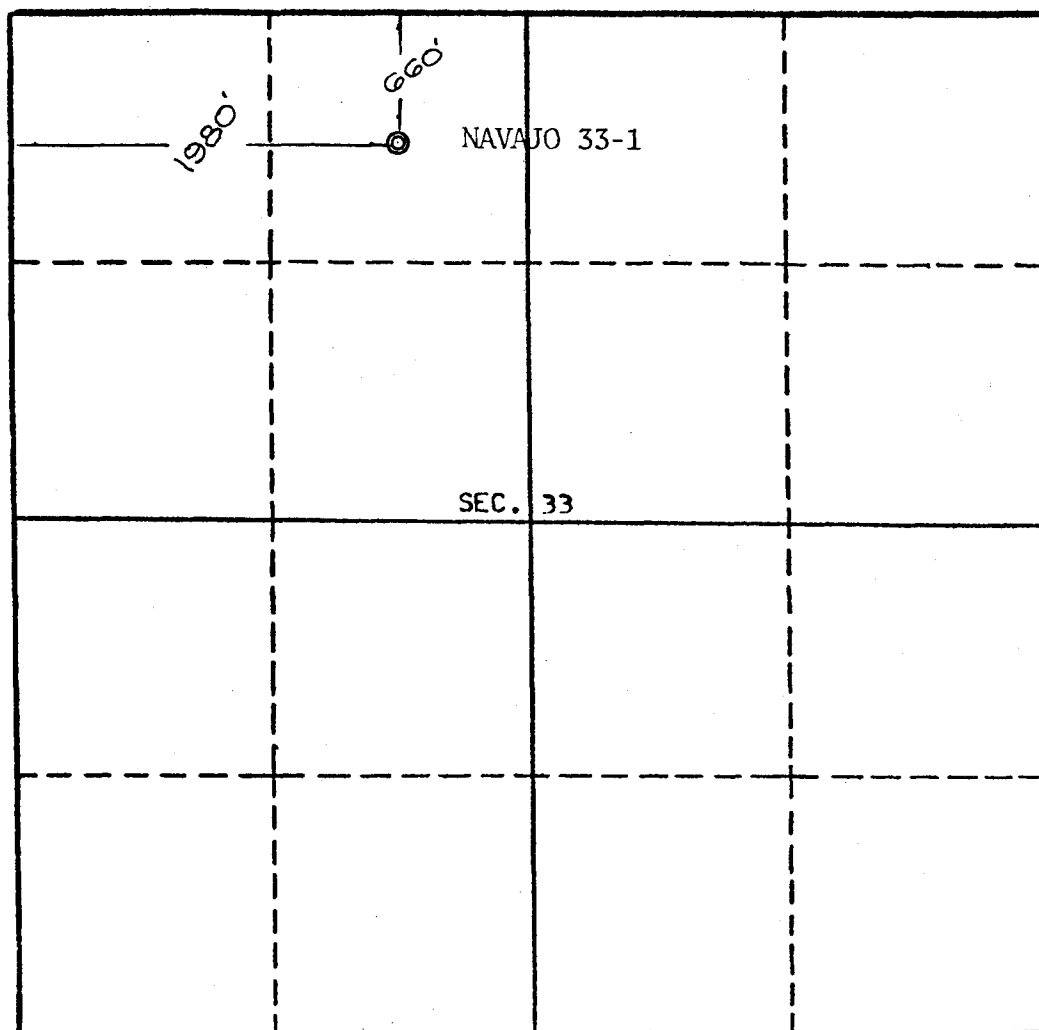
Company Arapaho Petroleum, Incorporated

Well Name & No. NAVAJO 33-1

Location 660 feet from the North line and 1980 feet from the West line.

Sec. 33, T. 41 S., R. 22 E., S. L. M., County San Juan, Utah

Ground Elevation 4950



Scale, 1 inch = 1,000 feet

Surveyed August 12, 1975

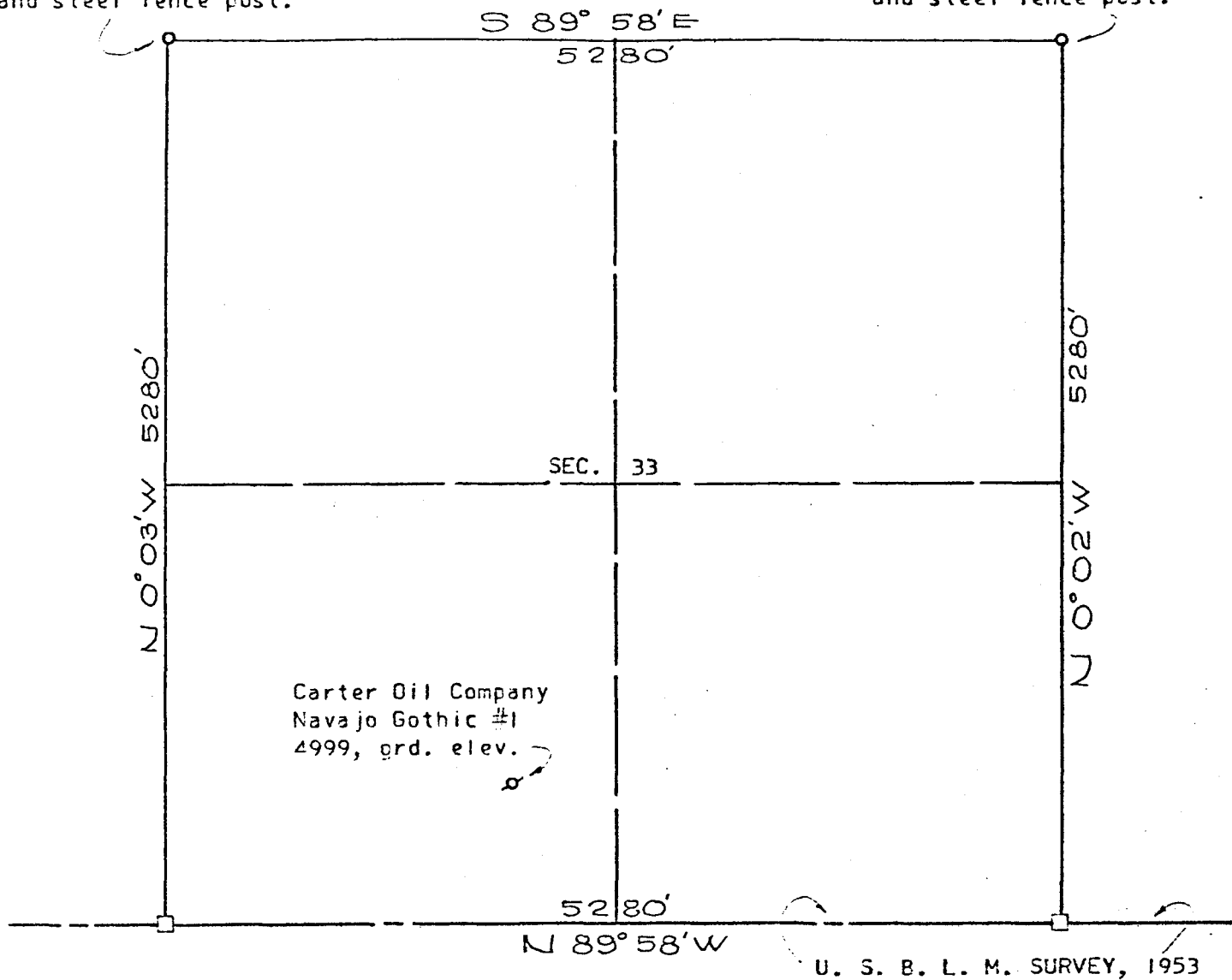
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



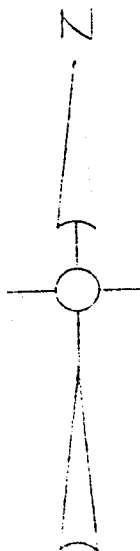
Ernest V. Echohawk  
Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

Set marked granite stone  
and steel fence post.

Set marked granite stone  
and steel fence post.



NAVAJO TRIBAL LEASE, NOO-C-14-20-5182  
SECTION 33, T-41-S, R-22-E  
AREA, 640.0 ACRES



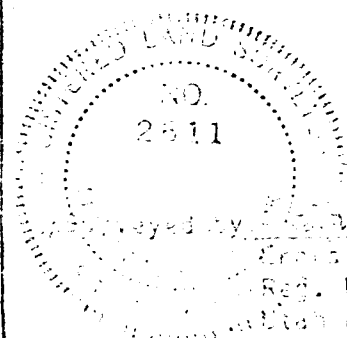
Meridian determined by  
Solar Observation.

ARAPAHO PETROLEUM, INCORPORATED

Survey of Section 33, T-41-S, R-22-E, S. L. M., Navajo  
Indian Reservation, San Juan County, Utah.

August, 1975

Scale, 1" = 1000'



NO.  
2611

Surveyed by *Ernest J. Schuch*  
Ernest J. Schuch  
Reg. Land Surveyor  
Utah Reg. No. 2611

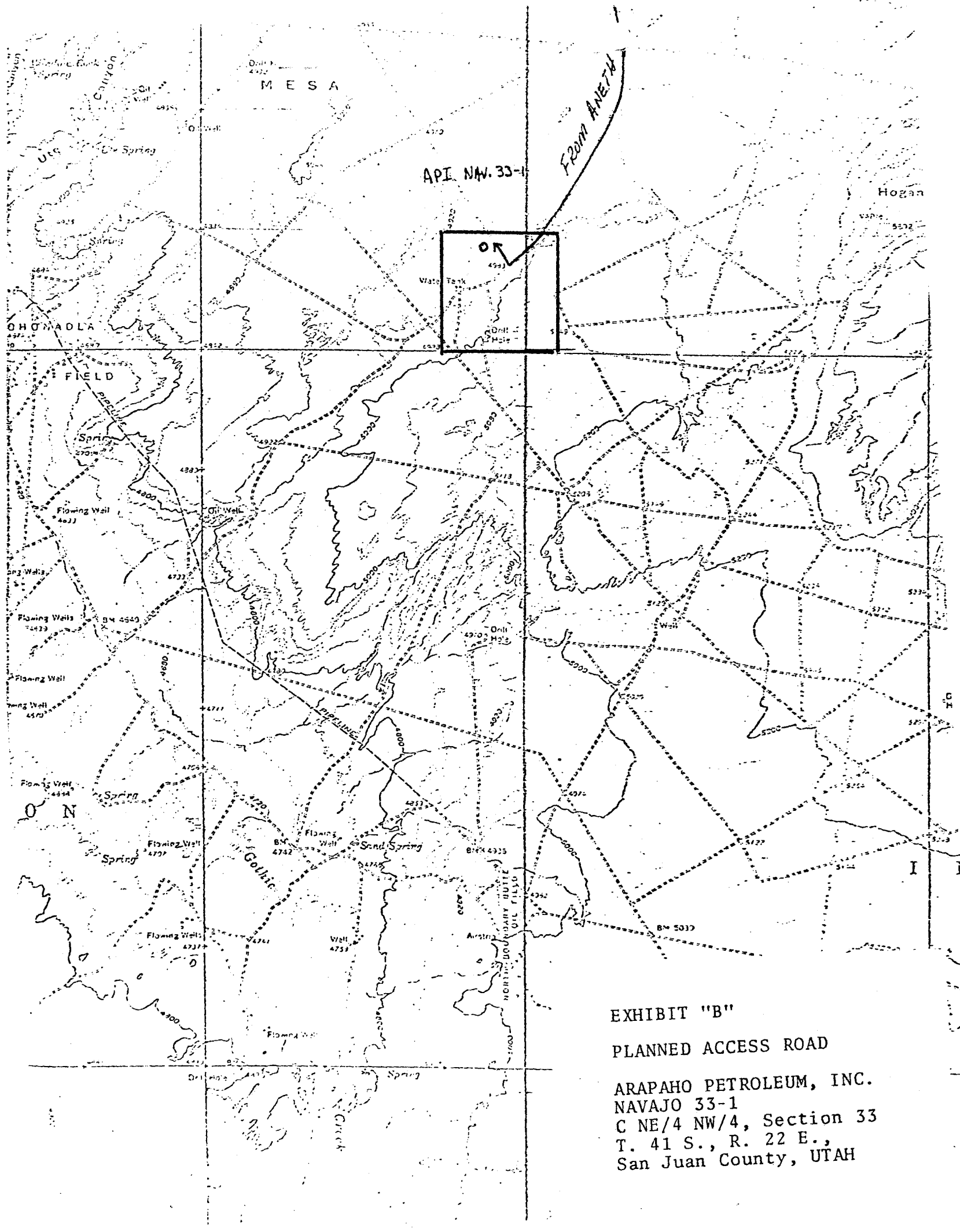


EXHIBIT "B"

PLANNED ACCESS ROAD

ARAPAHO PETROLEUM, INC.  
NAVAJO 33-1  
C NE/4 NW/4, Section 33  
T. 41 S., R. 22 E.,  
San Juan County, UTAH

# Arapaho Petroleum, Incorporated

Executive Offices: Suite 1110 Security Life Building • Denver, Colorado 80202 • (303) 534-3178

November 14, 1975

MR. PHILIP T. MCGRATH  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

RE: PROPOSED DEVELOPMENT PLAN FOR SURFACE USE

Arapaho #33-1 Navajo  
NE/4 NW/4, Section 33  
T. 41 S., R. 22 E.,  
San Juan County, Utah

(1) PRIMARY ACCESS ROAD

Please refer to Exhibit "A". Proceed west from Farmington, New Mexico on U. S. Highway 550, 31 miles to Shiprock, New Mexico; go north on U. S. Highway 666, 29 miles to the junction of U. S. Highway 666 and Colorado Highway 40; turn left and go 12 miles to Colorado Highway 41; go 24 miles to the community of Aneth; turn left (south) on unnumbered road and go approximately 17 miles (following route indicated in "red" on Exhibit "A") to location adjacent to indicated road.

(2) PLANNED ACCESS ROAD

Please refer to Exhibit "B".

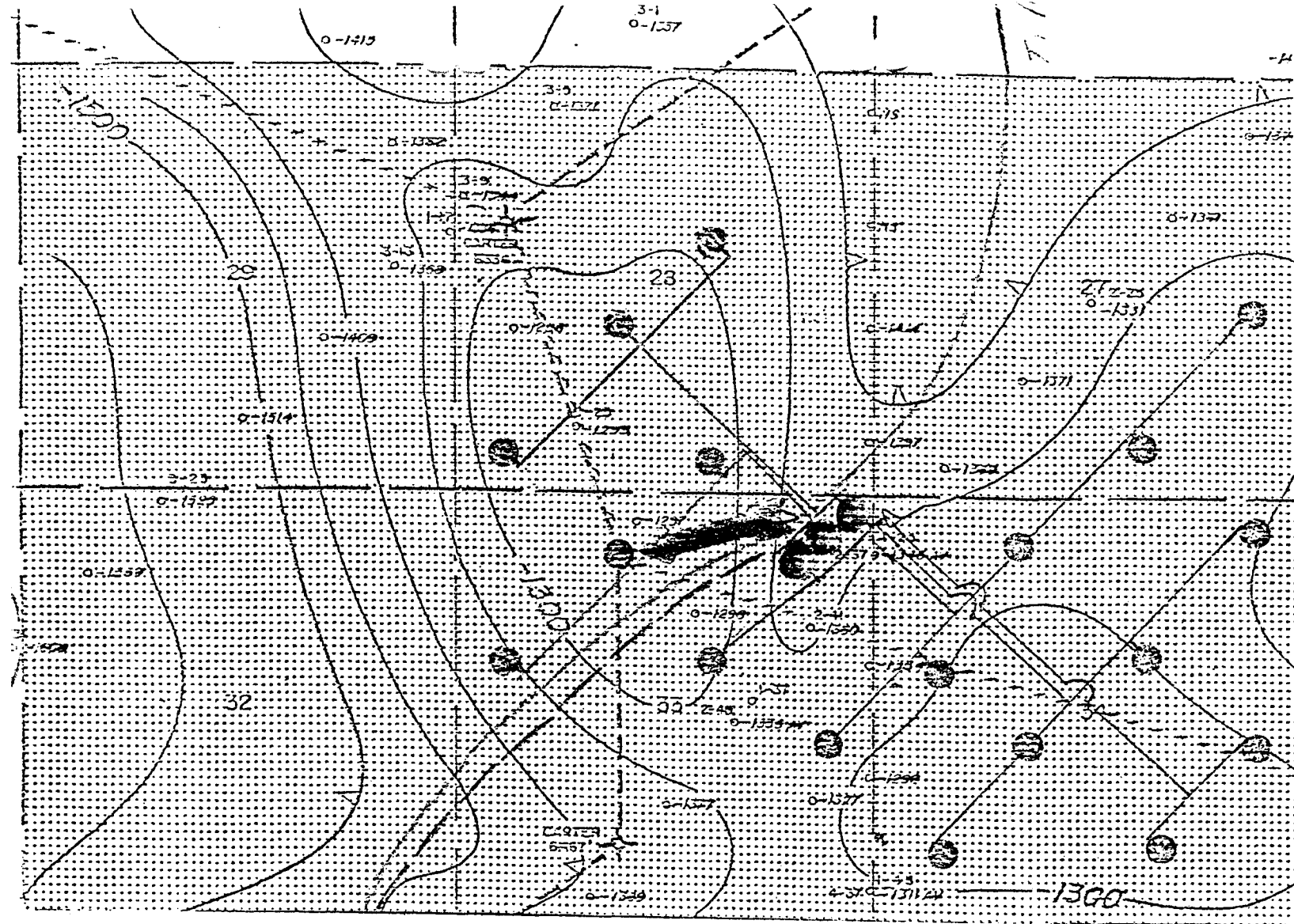
(a) From point "A" on the existing road, a trail will be built along an existing trail to the northwest to the well location, a distance of approximately 3/8th of a mile; a new trail will be made to the southwest, approximately 1/10th of a mile to the well location in the C NE/4 NW/4, Section 33, T. 41 S., R. 22 E. (b) If the well is a producer, we plan to place a tank battery on the southeast side of the trail, approximately 600 feet northeast of the Center of Section 33. If sufficient production rate is established, at some later date, it may become necessary to build a gathering system and pipeline (with a connection near the Boundry Butte Oil Field). Minimal amount of cutting and filling would be required. (c) Water will be supplied by the drilling contractor on a turnkey basis, from an established source.

(3) LOCATION FOR WELLS

Please refer to Exhibit "C". The proposed well is located approximately 3700 feet north of the Carter Oil #1 Gothic, located in the SE/4 SW/4 of Section 33, and 4500 feet south







# EXHIBIT "C-1"

## PLANNED DEVELOPMENT OF LEASES

ARAPAHO PETROLEUM, INC.  
 NAVAJO 33-1  
 C NE/4 NW/4, Section 33  
 T. 41 S., R. 22 E.,  
 San Juan County, UTAH

———— Gathering Line  
 - - - - - Possible Pipeline

COLEMAN DRILLING CO.

P. O. BOX 1915

FARMINGTON, N. M. 87401

PHONE 503 / 325-6892

RIG #1

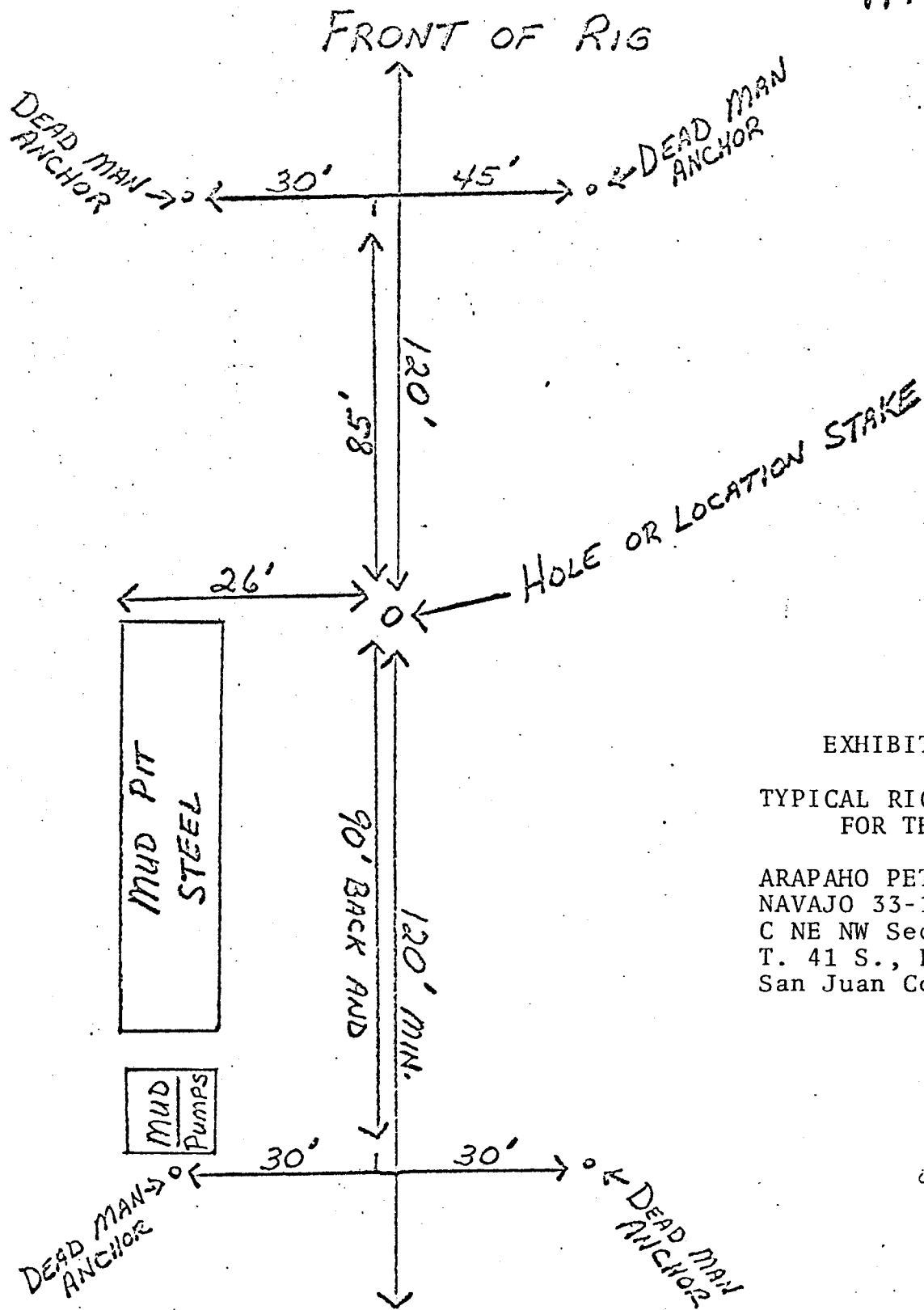
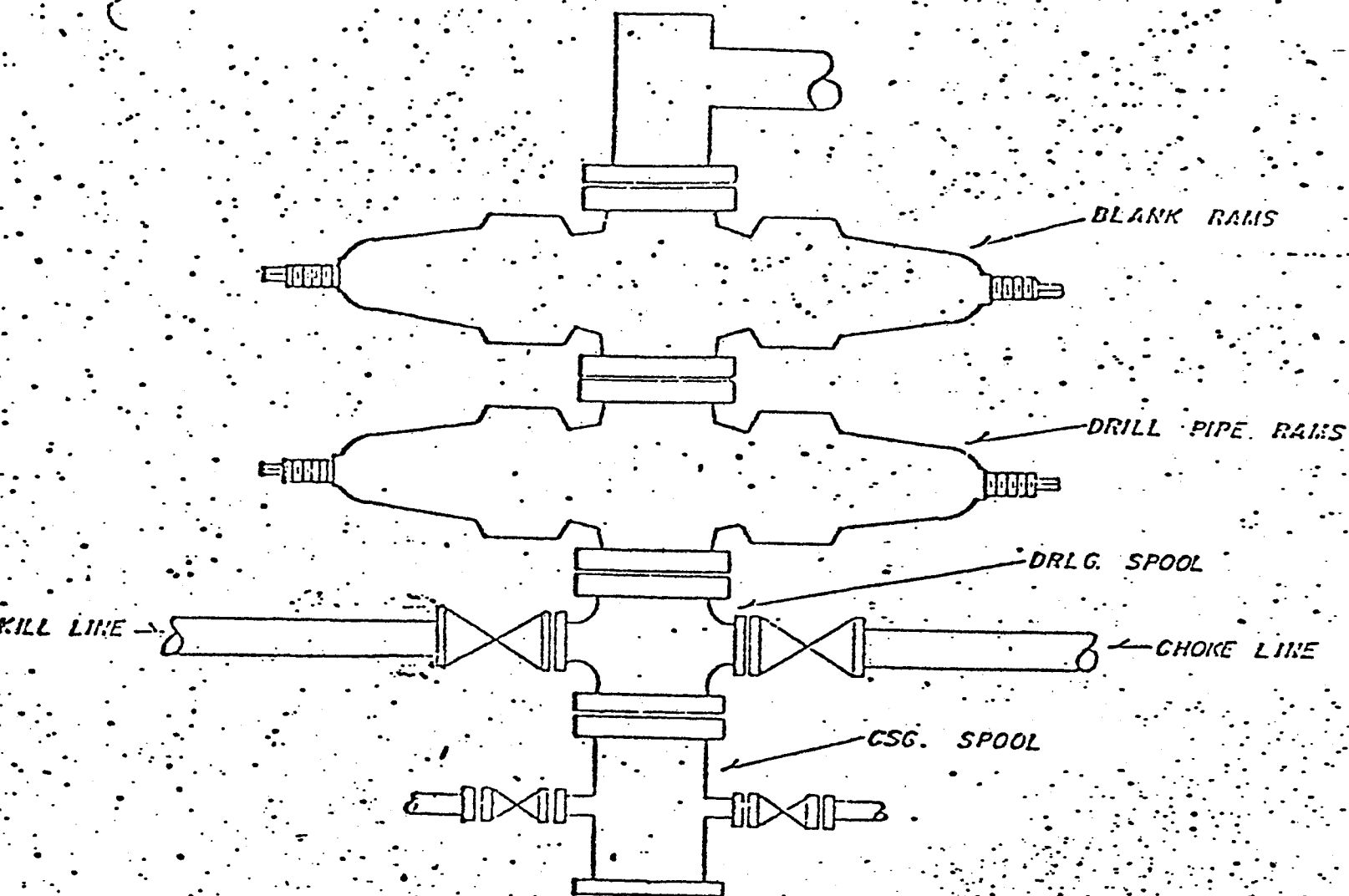


EXHIBIT D

TYPICAL RIG LOCATION  
FOR THE

ARAPAHO PETROLEUM, INC  
NAVAJO 33-1  
C NE NW Section 33  
T. 41 S., R. 22 E.,  
San Juan County, Utah

RESERVE PIT 150' X 150' X 5' DEEP



STANDARD BLOWOUT PREVENTER HOOKUP  
 3,000 PSI (900 Series) WORKING PRESSURE

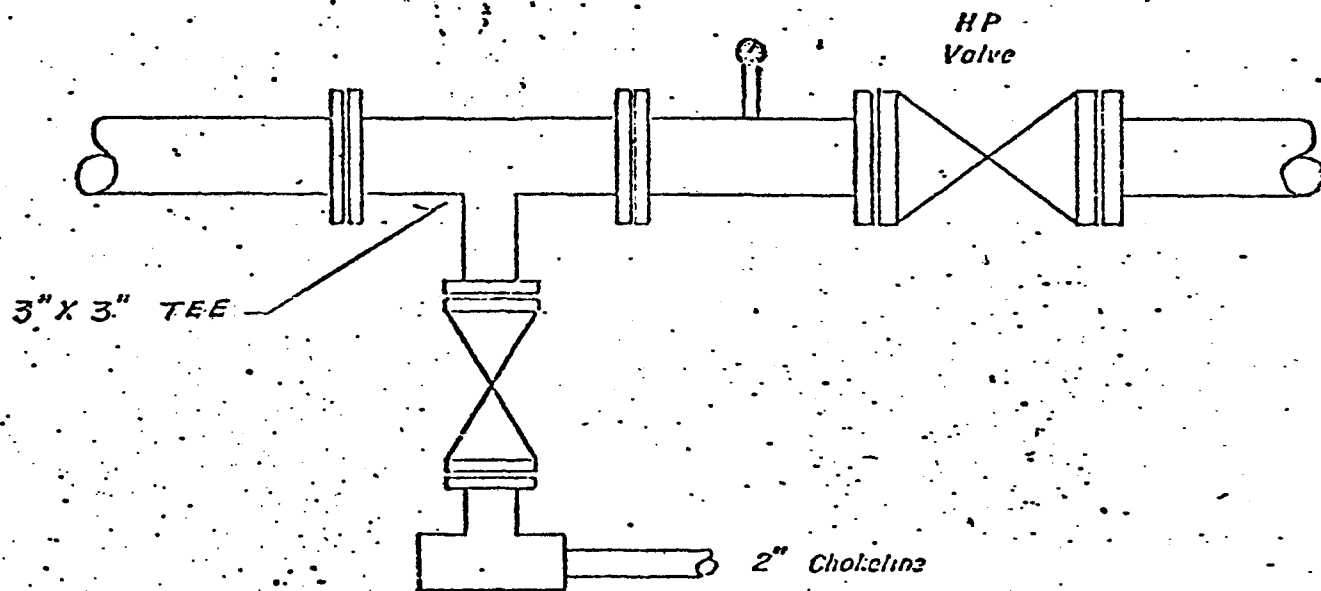
EXHIBIT E

ARAPAHO PETROLEUM, INC.  
 NAVAJO 33-1  
 C NE NW Section 33  
 T. 41 S., R. 22 E.,  
 San Juan County, Utah

STANDARD CHOKE MANIFOLD

3000 PSI (900 SERIES) WORKING PRESSURE

*Must be located a minimum of 30' from DOP'S*



NO SCALE

EXHIBIT F

ARAPAHO PETROLEUM, INC.  
NAVAJO 33-1  
C NE NW Section 33  
T. 41 S., R. 22 E.,  
San Juan County, Utah

of the Carter Oil #42-1 Navajo, located in the SW/4 NW/4 of Section 28, both in T. 41 S., R. 22 E., San Juan County, Utah. Development in the Hogan Field is 2 miles to the northeast and the Tohonadla Field is 3-1/2 miles to the west-southwest.

(4) LATERAL ROADS TO LOCATION

Please refer to Exhibit "B" and 2 (a) above.

(5) LOCATION OF TANK BATTERY AND FLOW LINES

Please refer to Exhibit "C"

(6) LOCATION AND TYPE OF WATER SUPPLY

Please refer to 2 (c) above.

(7) METHODS OF HANDLING WASTE MATERIAL

Sanitation facilities will be furnished personnel. A burn incinerator will be provided by the drilling contractor.

(8) LOCATION OF CAMPS

No camps of any nature or duration are planned at the present.

(9) LOCATION OF AIRSTRIPS

No air strip or other facility for handling aircraft is needed.

(10) POSITION AND LAYOUT OF THE DRILLING RIG AND ASSOCIATED FACILITIES

Please refer to Exhibits "D", "E" and "F". Well location is on an area of mobil sand dunes and is very flat. The reserve pit will be on the west side of the rig and the pit for DST fluids will be southwest of the rig.

(11) PLANS FOR RESTORATION OF THE SURFACE

Rig location will be restored to original elevation. During the drying out period, the pits will be fenced and later filled. regulation dry hole marker will be erected and the site will be cleaned up to OS GS standards.

(12) OTHER INFORMATION ON TOPOGRAPHY, VEGETATION, AND OTHER NATURAL RESOURCES

As shown on Exhibit "B", the proposed well is located in an area of very flat topography. Vegetation at the site is nature grass and about 40% sagebrush. The surface formation is Navajo and to our knowledge contains no other economic mineral

Page No. 3  
Mr. Philip T. McGrath

deposit in the vicinity of the drillsite.

Submitted by:

ARAPAHO PETROLEUM, INCORPORATED

EARL F. ARMSTRONG  
Vice President &  
Exploration Manager

EARL F. ARMSTRONG  
Vice President &  
Exploration Manager

EFA:ejc  
Encl.

# Arapaho Petroleum, Incorporated

Executive Offices: Suite 1110 Security Life Building • Denver, Colorado 80202 • (303) 534-3178

November 14, 1975

MR. PHILIP T. MCGRATH  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

RE: APPLICATION TO DRILL  
ARAPAHO #33-1 NAVAJO  
C NE NW Section 33  
T. 41 S., R. 22 E.,  
San Juan County, Utah

Dear Sir:

Enclosed please find the Application For Permit To Drill the above-captioned well.

Please find also enclosed the "12 Point Letter" and the "7 Point Letter" for your information and approval.

In conversation with Mr. M. L. Seelinger, of your office, he indicated that we needed an archeological survey for this drillsite. I am presently trying to engage a registered archeologist and will be in phone contact with you as soon as I obtain these services.

Very truly yours,

ARAPAHO PETROLEUM, INCORPORATED

EARL F. ARMSTRONG  
Vice President &  
Exploration Manager

EFA:ejc  
Encl.



# Arapaho Petroleum, Incorporated

Executive Offices: Suite 1110 Security Life Building • Denver, Colorado 80202 • (303) 534-3178

November 14, 1975

MR. PHILIP T. MCGRATH  
District Engineer  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

RE: CASING PROGRAM AND ABOVE-GROUND  
SAFETY EQUIPMENT

Arapaho Petroleum, Inc.  
#33-1 Navajo  
NE/4 NW/4, Section 33  
T. 41 S., R. 22 E.,  
San Juan County, Utah

(1) SURFACE CASING

Size 8-5/8" Weight 28# Height 400 feet

(2) SIZE AND SERIES OF CASING HEADS, FLANGES & SPOOLS

Please refer to Exhibit "E" attached

(3) INTERMEDIATE CASING

We have no plans to run intermediate casing

(4) BLOWOUT PREVENTERS

Please refer to Exhibit "E" attached

(5) AUXILIARY EQUIPMENT

- a) Kellycocks, 900 Series, 3000 psi working pressure.
- b) Floats on bits will be used.
- c) Monitoring equipment on mud system; Visual (for gain or loss in volume, oil or gas indications, changes in physical properties).
- d) A sub on the rig floor with a full opening valve will be stabbed into the drill pipe when Kelly is not in the string.

Page No. 2  
Mr. Philip T. McGrath

(6) ANTICIPATED FORMATION PRESSURE

Maximum of 2500 psi

(7) TYPE OF DRILLING FLUID

Chemical oil, Weight 9.0 - 9.2

Submitted by:

ARAPAHO PETROLEUM, INCORPORATED

EARL F. ARMSTRONG  
Vice President and  
Exploration Manager

DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

Date: Nov. 21 -  
Operator: Arapaho Petroleum  
Well No: Nadajo 33-1  
Location: Sec. 33 T. 41S R. 22E County: San Juan

File Prepared



Entered on N.I.D.



Card Indexed



Completion Sheet



Checked By:

Administrative Assistant:

AW

Remarks:

No well I took

Petroleum Engineer/Mined Land Coordinator:

PL

Remarks:

Director:

2

Remarks:

Include Within Approval Letter:

Bond Required



Survey Plat Required



Order No.



Blowout Prevention Equipment



Rule C-3(c) Topographical exception/company owns or controls acreage  
within a 660' radius of proposed site



O.K. Rule C-3



O.K. In \_\_\_\_\_ Unit



Other:



Letter Written

November 21, 1975

Arapaho Petroleum, Inc.  
1700 Security Life Building  
Denver, Colorado 80202

Re: Well No. Navajo #33-1  
Sec. 33, T. 41 S, R. 22 E,  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, said approval is conditional upon a surveyor's plat of the proposed location being forwarded to this Division prior to spudding operations commencing.

The API number assigned to this well is 43-037-30261.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:sw

# Arapaho Petroleum, Incorporated

1700

Executive Offices: Suite 1700 Security Life Building • Denver, Colorado 80202 • (303) 534-3178

K

8

November 21, 1975

Oil and Gas Conservation Commission  
1588 West, North Temple  
Salt Lake City, Utah 84116

RE: ARAPAHO PETROLEUM, INC.  
Navajo #33-1  
San Juan County, Utah

Gentlemen:

With reference to the Permit To Drill form which was previously forwarded to you, along with a copy of the Environmental Impact Statement, we are herewith enclosing at this time the following:

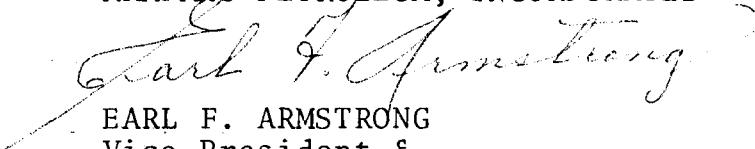
Copy of survey plat for the Arapaho Petroleum, Incorporated Navajo #33-1 well.

Copy of location plat for the Navajo #33-1 well dated August 12, 1975.

If there is anything additional you require in connection with the above-captioned well, please advise.

Very truly yours,

ARAPAHO PETROLEUM, INCORPORATED



EARL F. ARMSTRONG  
Vice President &  
Exploration Manager

ejc  
Encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NCO-C-14-20-5182

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo 33

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREASec. 33-T41S-R22E  
S.L.M.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Arapaho Petroleum Incorporated

3. ADDRESS OF OPERATOR 1700 Security Life Building,  
Denver, Colorado 802024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660'FWL, 1980'FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4950 GL

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spud December 9, 1975

12-9-75 T. D. 338'

Ran 11 jts 8-5/8", 18.0 lb, T&amp;C casing (324.09').

Set at 338.09' with 250 sacks Class "B" cement with 3% Calcium

Chloride and 1/4 lb. Flocele per sack. Cement circulate to surface.

Test with 500 psig. Test O.K.

For: Arapaho Petroleum, Inc.

18. I hereby certify that the foregoing is true and correct

SIGNED

*President, Walsh Engineering & Production Corporation*

P.E.

TITLE

President, Walsh Engineering

&amp; Production Corporation

DATE

12/16/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLI

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.6.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5182	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>Dry Hole</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
2. NAME OF OPERATOR ARAPAHO PETROLEUM, INCORPORATED				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1700 Security Life Building, Denver, Colorado 80202				8. FARM OR LEASE NAME NAVAJO	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface C NE NW Sec. 33, T. 41 S., R. 22 E. At top prod. interval reported below At total depth				9. WELL NO. 33-1	
14. PERMIT NO. 30261 DATE ISSUED 11/25/75 API 43-037-				10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DATE SPUDDED 12/9/75		16. DATE T.D. REACHED 12/31/75		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 33 T. 41 S., R. 22 E.,	
17. DATE COMPL. (Ready to prod.) 12/31/75		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4950 Gr 4962 RKB		12. COUNTY OR PARISH San Juan	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5715		13. STATE UTAH	
21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* N/A	
23. INTERVALS DRILLED BY		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dip Meter Survey Schl. DIL and Compensated Neutron Density w/GR	
27. WAS WELL CORED No					
29. CASING RECORD (Report all strings set in well)					
CASING SIZE 8-5/8"		WEIGHT, LB./FT. STC		DEPTH SET (MD) 323.29'	
HOLE SIZE 12-1/4"		CEMENTING RECORD 250 Sx Class "C"		AMOUNT PULLED None	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS—OIL RATIO			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
TEST WITNESSED BY					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Earl F. Armstrong</u>		TITLE <u>Vice President</u>		DATE <u>3/4/76</u>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

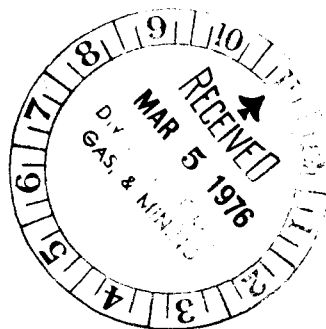
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Bluff SS	Surface		
Navajo	427		
Kayenta	752		
Chinle	1500		
De Chelly	2332		
Organ Rock	2505		
Cedar Mesa	3415		
Honaker Trail	4342		
Upper Ismay	5334		
Lower Ismay	5425		
Desert Creek	5496		
Akah	5673		
T. D.	5715		

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH



FORM OGC-8-X  
FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number #33-1 NAVAJO  
Operator ARAPAHO PETROLEUM, INCORPORATED  
Address 1700 Security Life Building, Denver, Colorado 80202  
Contractor ARAPAHOE DRILLING COMPANY  
Address P. O. Box 2078, Farmington, New Mexico 87401

Location NE 1/4, NW 1/4, Sec. 33; T. 41 ~~N~~<sub>S</sub>; R. 22 ~~E~~<sub>W</sub>; San Juan County

Water Sands:

	<u>Depth:</u> From- To-	<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
1.		No significant water flows	
2.		were noted in the drilling	
3.		of this well	
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops: See Reverse Side

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Dry Hole

2. NAME OF OPERATOR

ARAPAHO PETROLEUM, INCORPORATED

3. ADDRESS OF OPERATOR

1700 Security Life Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface C NE NW Sec. 33, T. 41 S., R. 22 E.

At top prod. interval reported below

At total depth

14. PERMIT NO. 30261 DATE ISSUED

API 43-037 11/25/75

12. COUNTY OR  
PARISH

San Juan

13. STATE

UTAH

15. DATE SPUDDED

12/9/75

16. DATE T.D. REACHED

12/31/75

17. DATE COMPL. (Ready to prod.)

12/31/75

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

4950 Gr

19. ELEV. CASINGHEAD

4962 RKB

20. TOTAL DEPTH, MD &amp; TVD

5715

21. PLUG, BACK T.D., MD &amp; TVD

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

N/A

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dip Meter Survey

27. WAS WELL CORED

Schl. DIL and Compensated Neutron Density w/GR

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	STC	323.29	12-1/4"	250 Sx Class "C"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or Shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL-GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Earl F. Armstrong

TITLE Vice President

DATE 3/10/76

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Bluff SS	Surf						
Navajo	427						
Katenta	752						
Chinle	1500						
De Chelly	2332						
Organ Rock	2505						
Cedar Mesa	3415						
Honaker Trail	4342						
Upper Ismay	5334						
Lower Ismay	5425						
Desert Creek	5496						
Akah	5673						
T. D.	5715						
			DST #1 5430-90 Lower Ismay 20-60-60-120 Recovered: 60' mud; 60' SO&GCM 1800 cc Fl. 2 CFG IHP26-33 IFP 27-53 ISI 397 FSIP 555 FHP 26-33				



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

May 7, 1976

Arapahoe Pet. Co.  
1700 Security Life Bldg.  
Denver, Colorado

Re: Well No. Navajo 33-1  
Sec. 33, T. 41S, R. 22E  
San Juan County, Utah

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well are due and have not been filed with this office as required by our rules and regulations.

If electric and or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER  
RECORDS CLERK